

## I CLAIM:

1. A dust prevention seat for the blade shaft of a wood-planing device having a protection cover module and an adjusting seat, the protection cover module positioned at a working platform of the device body of the planing device and covering the blade shaft protruded from the working platform and the adjusting seat positioned on the protection cover module to urge a work piece and block dust, characterized in that:  
the protection cover module includes a rear plate, two side plates, two moving cornered plate and a cover plate seat, the two sides of the rear plate are extended forwardly on engaging plate for engagement with the side plate, and the two side plates are formed with corresponding engaging slots for locking with a lock component, and the top edge of the two side plates are formed with a long slot for adjustment of front and rear position, and the surface of the cornered plate corresponding to the two side plates is formed with a long adjusting hole and the adjusting hole is locked to a latching rod at the side plate, and the horizontal section of the cornered plate is slidably mounted with a leaning plate; and the cover plate seat locked to the rear plate and the side plate is a plate body,

and the two sides of the cover plate seat are formed with long slots corresponding to the long slot of the side plate, and screw latch is used to lock the cover plate seat and the side plate of the protection cover module to the working platform.

- 5        2. The dust protection seat of claim 1, wherein the rear plate of the protection cover module has a through hole mounted with a tube seat connected to a wind tube, an engaging structure is used to engage to the through hole so that the wind tube sucks away saw dust during a planing process.
- 10       3. The dust protection seat of claim 1, wherein the two sides of the rear plate of the protection cover module are protrudingly mounted with protruded plate pivotally mounted with an adjusting latch and the end face of the moving cornered plate corresponding to the protruded plate is a screw hole for the mounting of the adjusting latch, and the  
15       rotating of the adjusting latch adjust the front and rear position of the cornered plate.
4. The dust protection seat of claim 1, wherein a T-shaped latching rod and an adjusting knob are used to lock the leaning plate and the rear face of the leaning plate is provided with T-shaped sliding slot.
- 20       5. The dust protection seat of claim 1, wherein the top face of the

cornered plate is provided with a cornered covering plate to avoid accumulation of debris at the through hole.

- 5 6. The dust protection seat of claim 1, wherein the cover plate seat is a recessed plate body, and the two sides of the cover plate seat is forwardly extended a corresponding side plate, and a long slot is formed on the two side plates, and between the two side plates; a cover plate is formed and the circumferential edge of the cover plate is provided with an engaging slot to allow the cover plate to slidably engage with the cover plate seat, facilitating loading and unloading.
- 10 7. The dust protection seat of claim 1, wherein the adjusting seat is mounted to the top face of the cover plate seat of the protection cover module by a securing frame, and the front position of the securing frame is a seat block, and the securing frame and the seat block are co-mounted to a locking plate, and the center of the seat block is provided with a polygonal rod, and one side of the seat body is a screw latch for tightening the polygonal rod, and the polygonal rod includes a pressing structure and a blocking plate structure.
- 15 8. The dust protection seat of claim 7, wherein the middle section of the securing seat is a partition plate and the securing frame is formed with an engaging slot at the top face and the bottom face of the
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partition plate, and the top and bottom end face of the seat block are respectively formed with engaging slot corresponding to the engaging slot of the securing frame, and the engaging slot is used to engage with the locking plate for locking.

- 5        9. The dust protection seat of claim 7, wherein the seat block is provided with a protruded block extended from the top edge of seat block and one side of the securing frame is positioned with a corresponding securing block, and a protruded block from the seat block is locked with a screw latch which can urge the securing block
- 10       so as to fine adjusting the height of the polygonal rod.
10. The dust protection seat of claim 7, wherein the pressing structure and the blocking plate structure are mounted with a sliding mount on the polygonal rod and the sliding mount is provided with polygonal horizontal hole for the passage of the polygonal rod, and the top face
- 15       of the sliding mount is formed with a polygonal vertical hole, and one side of the vertical hole is in communication with a horizontal hole at one side, and the sliding mount is formed with an inclined locking hole in communication with the vertical hole, the inclined locking hole is provided with a screw latch and the vertical hole
- 20       allows the passage of a vertical rod having a press block or blocking

plate at the bottom end thereof.